

Title (en)
NDBR WITH MOLAR MASS BREAKDOWN

Title (de)
NDBR MIT MOLMASSEABBAU

Title (fr)
NDBR AVEC DÉGRADATION DE LA MASSE MOLAIRE

Publication
EP 3057998 B1 20221221 (EN)

Application
EP 14781603 A 20141009

Priority
• EP 13188993 A 20131016
• EP 2014071684 W 20141009
• EP 14781603 A 20141009

Abstract (en)
[origin: WO201505510A1] The invention relates to neodymium-catalysed polybutadienes (NdBR) comprising > 95 wt% of cis-1,4 units and < 1 wt% of 1,2-vinyl content, based on the neodymium- catalysed polybutadiene, wherein the NdBR evinces a molar mass breakdown of not less than 25%.

IPC 8 full level
C08C 19/08 (2006.01); **C08C 19/20** (2006.01); **C08L 15/00** (2006.01)

CPC (source: CN EP KR RU US)
C08C 19/00 (2013.01 - KR); **C08C 19/08** (2013.01 - CN EP KR RU US); **C08C 19/20** (2013.01 - CN EP KR RU US);
C08F 136/06 (2013.01 - CN RU US); **C08K 5/3417** (2013.01 - CN RU US); **C08K 5/3725** (2013.01 - CN RU US);
C08L 15/00 (2013.01 - EP KR RU US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 201505510 A1 20150423; BR 112016008352 A2 20170912; BR 112016008352 B1 20210908; CN 105764928 A 20160713;
CN 107254008 A 20171017; CN 107254008 B 20200207; EP 3057998 A1 20160824; EP 3057998 B1 20221221; JP 2016535130 A 20161110;
JP 6363705 B2 20180725; KR 102270433 B1 20210629; KR 102304489 B1 20210923; KR 20160079811 A 20160706;
KR 20210079425 A 20210629; MX 2016004886 A 20161012; MY 176435 A 20200808; RU 2016118594 A 20171121;
RU 2016118594 A3 20180515; RU 2660853 C2 20180710; SA 516370934 B1 20171128; SG 11201602765Q A 20160530;
TW 201522398 A 20150616; TW I649344 B 20190201; US 2016257770 A1 20160908; US 2017183424 A1 20170629; US 9963519 B2 20180508;
ZA 201603258 B 20170830

DOCDB simple family (application)
EP 2014071684 W 20141009; BR 112016008352 A 20141009; CN 201480056261 A 20141009; CN 201710332323 A 20141009;
EP 14781603 A 20141009; JP 2016524484 A 20141009; KR 20167012765 A 20141009; KR 20217019363 A 20141009;
MX 2016004886 A 20141009; MY PI2016701321 A 20141009; RU 2016118594 A 20141009; SA 516370934 A 20160413;
SG 11201602765Q A 20141009; TW 103135452 A 20141014; US 201415029029 A 20141009; US 201715457074 A 20170313;
ZA 201603258 A 20160513